



# Recombinant Escherichia coli O7:K1 Phosphomethylpyrimidine synthase (thiC)

<b>Product Code</b>	CSB-EP485551EON
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	B7NRS7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSATKLTRRE QRTQAQHFID TLEGTAFPNS KRIYITGTHP GVRVPMREIQ LSPTLIGGSK EQPQFEENA IPVYDTSGPY GDPQIAINVQ QGLAKLRQPW IDARGDTEEL TVRSSDYTKA RLADDGLDEL RFSGLLTPKR AKTGRRVTQL HYARQGIITP EMEFIAIREN MGRERIRSEV LRHQHPGMSF GARLPENITA EFVRDEVAAG RAIIPANINH PESEPMIIGR NFLVKVNANI GNSAVTSSIE EEVEKLVWST RWGADTVMDL STGRYIHETR EWILRNSPVP IGTVPYIYQAL EKVNGIAEDL TWEAFRDTLL EQAEQGVDFY TIHAGVLLRY VPMTAKRLTG IVSRGGSIMA KWCLSHHQEN FLYQHFRFIC EICAAYDVSL SLGDGLRPGS VQDANDEAQF AELHTLGELT KIAWEYDVQV MIEGPGHVPM QMIRRNMTTE LEHCHEAPFY TLGPLTTDIA PGYDHFTSGI GAAMIGWFGC AMLCYVTPKE HLGLPNKEDV KQGLITYKIA AHAADLAKGH PGAQIRDNAM SKARFEFRWE DQFNLALDPF TARAYHDETL PQESGKVAHF CSMCGPKFCS MRISQEVDRDY AAAQTIEVGM ADMSENFRRAR GGEIYLRKEE A
<b>Source</b>	E.coli
<b>Target Names</b>	thiC
<b>Protein Names</b>	Recommended name: Phosphomethylpyrimidine synthase EC= 4.1.99.17 Alternative name(s): Hydroxymethylpyrimidine phosphate synthase Short name= HMP-P synthase Short name= HMP-phosphate synthase Short name= HMPP synthase
<b>Expression Region</b>	1-631
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

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